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PTO/SB/08A (08-00)

Substitute for Form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>		
				Application Number	09/757,673	
				Filing Date	January 10, 2001	
				First Named Inventor	James M. Wilson et al	
				Group Art Unit	1632	
				Examiner Name	<del>J. Martin</del> R. Shukla	
Sheet	1	of	11	Attorney Docket Number		GNVPN.019B1USA

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
RRS	AA	5,139,941	A	N. Muzycka	08/18/1992	
	AB	5,173,414	A	J. Lebkowski	12/22/1992	
	AC	5,478,745	A	R. Samulski	12/26/1995	
	AD	5,753,500	A	T. Shenk	05/19/1998	
RRS	AE	5,252,479	A	A. Srivastava	10/12/1993	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
RRS	AL	WO	WO96/00587	A	R. Samulski W.I.P.O.	01/11/1996		
	AM	WO	WO95/34670	A	P. Johnson W.I.P.O.	12/21/1995		
	AN	WO	WO95/33824	A	J. Alexander W.I.P.O.	12/14/1995		
	AO	WO	WO95/28493	A	M. Kaplitt W.I.P.O.	10/26/1995		
RRS	AP	WO	WO95/23867	A	P. Deneffe W.I.P.O.	09/08/1995		

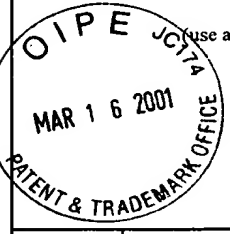
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RRS	AF	5,354,678	A	J. Lebkowski	10/11/1994	
	AG	5,436,146	A	T. Shenk	07/25/1995	
	AH	5,474,935	A	S. Chatterjee	12/12/1995	
	AI	5,858,351	A	G. Podsakoff	01/12/1999	
RRS	AJ	5,789,390	A	V. Descamps	08/04/1998	

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RRS	AQ	WO	WO95/20671	A	V. Descamps WIPD	08/03/1995		
	AAL	WO	WO95/14771	A	R. Kotin WIPD	06/01/1995		
	AAM	WO	WO95/13392	A	J. Trempe WIPD	05/18/1995		
	AAN	WO	WO95/07995	A	R. Philip WIPD	03/23/1995		
RRS	AAO	WO	WO95/06743	A	J. Dong WIPD	03/09/1995		

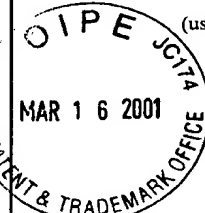
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RRS	AK	5,116,739	A	Y. Teranishi	05/26/1992	
↓	AAA	5,672,685	A	W. Matthew	09/30/1997	
↓	AAB	5,693,531	A	Chiorini	12/02/1997	
↓	AAC	6,093,392	A	K. High	07/25/2000	
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RRS	AAP	WO	WO94/20517	A	J. Glorioso w/pb	09/15/1994		
↓	AAQ	WO	WO93/24641	A	B. Carte w/pb	12/09/1993		
↓	BL	WO	WO91/18088	A	S. Chatterjee w/pb	11/28/1991		
↓	BM	WO	WO96/18727	A	G. Natsoulis w/pb	06/20/1996		
RRS	BN	WO	WO96/12010	A	C. Holscher w/pb	04/25/1996		

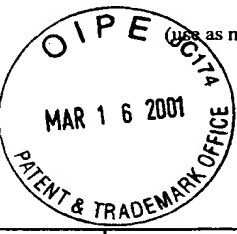
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RRS	AAE	5,866,552	A	J. Wilson	02/02/1999	_____

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
RRS	BO	WO	WO96/17947	A	J. Allen w.i.p.o	06/13/1996	_____	
	BP	WO	WO97/26337	A	G. Podsakoff w.i.p.o	08/24/1997	_____	
	BQ	WO	WO96/40272	A	X. Xiao w.i.p.o	12/19/1996	_____	
	BBL	WO	WO97/26336	A	G. Podsakoff w.i.p.o	07/24/1997	_____	
RRS	BBM	WO	WO94/13788	A	R. Samulski w.i.p.o	06/23/1994	_____	

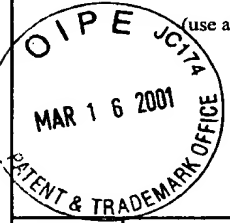
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				First Named Inventor	James M. Wilson et al
				Group Art Unit	1632
				Examiner Name	<u>I. Martin R. Shulala</u>
Sheet	5	of	11	Attorney Docket Number	GNVPN.019B1USA

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
RRS	BBN	WO	WO97/12050	A	<u>M. Kaplitt</u> <u>wipo</u>	04/03/1997	_____	
RRS	BBO	AU	27902/92	A	<u>Australia</u> <u>M. Perricaudet</u>	04/27/1993	_____	
RRS	BBP	WO	WO96/14837	A	<u>A. McClelland</u> <u>wipo</u>	05/23/1996	_____	


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Sheet 6	of 11	Attorney Docket Number GNVPN.019B1USA	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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RRS	AR	D. COOVERT et al, "Gene Therapy for Muscle Diseases", Current Opinion in Neurology, 7:463-470 (1994)	
	AS	R. HERZOG et al, "Stable Gene Transfer and Expression of Human Blood Coagulation Factor IX After Intramuscular Injection of Recombinant Adeno-Associated Virus", Proc. Natl. Acad. Sci. USA, 94:5804-5809 (May, 1997)	
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	AU	P. KESSLER et al, "Gene Delivery to Skeletal Muscle Results in Sustained Expression and Systemic Delivery of a Therapeutic Protein", Proc. Natl. Acad. Sci. USA, 93:14082-14087 (November, 1996)	
	AV	D. RUSSELL et al, "Adeno-Associated Virus Vectors Preferentially Transduce Cells in S Phase", Proc. Natl. Acad. Sci. USA, 91:8915-8919 (September, 1994)	
	AW	J. WOLFF et al, "Direct Gene Transfer into Mouse Muscle in Vivo", Science, 247:1465-1468 (March 23, 1990)	
	AX	H. BLAU et al, "Localization of Muscle Gene Products in Nuclear Domains: Does this Constitute a Problem for Myoblast Therapy?", Adv. Exp. Med. Biol., 280:167-172 (1990)	
RRS	AY	N. MUZYCZKA, "Use of Adeno-Associated Virus as a General Transduction Vector for Mammalian Cells", Curr. Topics Microbiol. Immunol., 158:97-129 (1992)	


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	AAS	R. KOTIN et al, "Site-Specific Integration by Adeno-Associated Virus", Proc. Natl. Acad. Sci. USA, 87:2211-2215 (March, 1990) [Kotin II]	
	AAT	K. FISHER et al, "Transduction with Recombinant Adeno-Associated Virus for Gene Therapy is Limited by Leading-Strand Synthesis", J. Virol., 70(1):520-532 (January, 1996) [Fisher II]	
	AAU	C. HODGSON, "Advances in Vector Systems for Gene Therapy", Exp. Opin. Ther. Patents, 5(5):459-468 (1995)	
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	AAX	S. GOODMAN et al, "Recombinant Adeno-Associated Virus-Mediated Gene Transfer into Hematopoietic Progenitor Cells", Blood, 84(5):1492-1500 (September, 1994)	


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	BR	E. RAZ et al, "Systemic Immunological Effects of Cytokine Genes Injected into Skeletal Muscle", Proc. Natl. Acad. Sci. USA, 90:4523-4527 (May, 1993)	
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	BU	E. MARSHALL, "Gene Therapy's Growing Pains", Science, 269:1050-1055 (August 25, 1995)	
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	BW	K. MARCH et al, "The Adeno-Associated Virus as a Gene Transfer Vector for Human and Non-Human Vascular Smooth Muscle Cells", Clinical Research, 40(2):358A (1992)	
RRS	BX	X. XIAO et al, "Efficient Long-Term Gene Transfer into Muscle Tissue of Immunocompetent Mice by Adeno-Associated Virus Vector", J. Virol., 70(11):8098-8108 (November, 1996) [Xiao I]	

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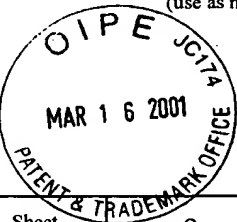
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RRS	BY	X. XIAO et al, "Adeno-Associated Virus (AAV) Vectors for Gene Transfer", Advanced Drug Delivery Reviews, 12:201-215 (1993) [Xiao II]	
	BZ	S. ORKIN et al, "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy", NIH Press, pp. 1-40 (December 7, 1995)	
	BBR	A. LAFONT et al, "Which Gene for Which Restenosis?", The Lancet, 346:1442-1443 (December 2, 1995)	
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	BBU	DIRK GRIMM et al, "Progress in Adeno-Associated Virus Type 2 Vector Production: Promises and Prospects for Clinical Use", Human Gene Therapy, 10:2445-2450 (October 10, 1999)	
RRS	BBV	RONALD G. CRYSTAL, "Transfer of Genes to Humans: Early Lessons and Obstacles to Success", Science, 270:404-410 (October 20, 1995)	

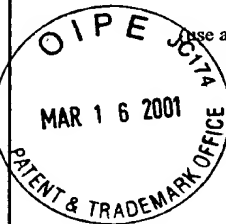
Examiner Signature	RRS	Date Considered	11/19/01
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Substitute for Form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary) 				<b>Complete if Known</b>	
				Application Number	09/757,673
				Filing Date	January 10, 2001
				First Named Inventor	James M. Wilson et al
				Group Art Unit	1632
				Examiner Name	<del>J. Martin</del> R. Shukla
Sheet	10	of	11	Attorney Docket Number	GNVPN.019B1USA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiners Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RRS	BBW	SIHONG SONG et al, "Sustained Secretion of Human Alpha-1-Antitrypsin from Murine Muscle Transduced with Adeno-Associated Virus Vectors", Proc. Natl. Acad. Sci. USA, 95:14384-14388 (November, 1998)	
	BBX	W. FRENCH ANDERSON, "Human Gene Therapy", Nature, 392:25-30 (April 30, 1998)	
	BBY	P.E. MONAHAN et al, "AAV Vectors: Is Clinical Success on the Horizon?", Gene Therapy, 7:24-30 (2000)	
	BBZ	ROLAND W. HERZOG et al, "Adeno-Associated Virus-Mediated Gene Transfer of Factor IX for Treatment of Hemophilia B by Gene Therapy", Thrombosis and Haemostasis, 82(2):540-546 (1999)	
	CR	MELINA KIBBE et al, "Gene Therapy and Vascular Disease", Advances in Pharmacology, 46:85-150 (1999)	
	CS	B. FANG et al, "Gene Therapy for Hemophilia B: Host Immunosuppression Prolongs the Therapeutic Effect of Adenovirus-Mediated Factor IX Expression", Human Gene Therapy, 6:1039-1044 (August, 1995)	
	CT	GYULA ACSADI et al, "Human Dystrophin Expression in mdx Mice After Intramuscular Injection of DNA Constructs", Nature, 352:815-818 (August 29, 1991)	
RRS	CU	VIKRAM S. KASHYAP et al, "Apolipoprotein E Deficiency in Mice: Gene Replacement and Prevention of Atherosclerosis Using Adenovirus Vectors", J. Clin. Invest., 96:1612-1620 (September, 1995)	


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RRS	CV	JAMES M. WILSON et al, "Method for Recombinant Adeno-Associated Virus Directed Gene Therapy", U. S. Patent Application No. 09/237,064, filed January 26, 1999	
	CW	G. GOURAS et al, "Expression of Alzheimer's Disease Associated Genes in vitro and in vivo Using Viral Vectors", Neurobiology of Aging, 17(4):S111 (1996)	
	CX <sup>✓</sup>	C. DESURMONT et al, "Complete Atherosclerosis Regression After Human ApoE Gene Transfer in ApoE-deficient/nude Mice", Arterioscler. Thromb. Vasc. Biol., 20(2):435-442 (February, 2000) (PubMed Abstract)	
	CY <sup>✓</sup>	J. OSADA et al, "The Value of Apolipoprotein E Knockout Mice for Studying the Effects of Dietary Fat and Cholesterol on Atherogenesis", Curr. Opin. Lipidol, 11(1):25-29 (February, 2000) (PubMed Abstract)	
RRS	CZ <sup>✓</sup>	JAMES M. WILSON et al, "Method for Recombinant Adeno-Associated Virus-Directed Gene Therapy", U. S. Patent Application No. 09/242,977, filed February 26, 1999	

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